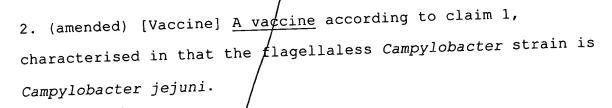
Campylobacter colonisation in animals, characterised in that said vaccine comprises antiserum raised against a flagellaless



- 3. (amended) [Vaccine]  $\frac{A \text{ vaccine}}{A \text{ partial partial partial}}$  according to claim 2, characterised in that the flagellaless Campylobacter jejuni strain is strain R2.
- 4. (amended) [Antigenic] An antigenic protein of Campylobacter having a molecular weight of 97 kD (+/-5kD), characterised in that it is visible in a Western blot of Campylobacter jejuni protein after incubation of said Western blot with antibodies against a flagellaless mutant of Campylobacter jejuni and that it is not visible after incubation of said blot with antibodies against wild type Campylobacter jejuni.
- 5. (amended) [Antigenic] An antigenic protein of Campylobacter having a molecular weight of 60 kD (+/-5kD), characterised in that it is visible in a Western blot of Campylobacter jejuni protein after incubation of said Western blot with antibodies

against a flagellaless mutant of Campylobacter jejuni and that it is not visible after incubation of said blot with antibodies against wild type Campylobacter jejuni.

6. (amended) [Antigenic] An antigenic protein of Campylobacter having a molecular weight of 13 kD (+/-3kD), characterised in that it is visible in a Western blot of Campylobacter jejuni protein after incubation of Western blot with antibodies against a flagellaless mutant of Campylobacter jejuni and that it is ot visible after incubation of said blot with antibodies against wild Campylobacter jejuni.

- 7. (amended) [Antigenic] An antigenic protein according to claim 4 [,5 or 6] for use in a vaccine.
- 8. (amended) Use of antigenic protein as defined in claim 4 [,5 or 6] for the manufacturing of a pharmaceutical composition for combating Campylobacter jejuni colonisation.
- $\searrow$  [9. (amended) [Vaccine] A  $\forall$ accine for the prevention of Campylobacter jejuni cojonisation in poultry, characterised in that said vaccine comprises antibodies against the antigenic protein according to claim 4 [,5 or 6].
  - 10. (amended) [Vaccine] A vaccine for the prevention of Campylobacter jejuni colonisation in poultry, characterised in EXPRESS MAIL EL087179852US -4-

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that said vaccine comprises an antigenic protein according to claim 4 [, 5 or 6].

11. (amended) Use of antibodies against a flagellaless

Campylobacter strain, or against the antigenic protein of claim 4

[, 5 or 6] for the preparation of a vaccine against Campylobacter colonisation in animals.

- 12. (amended) [Method] A method for the preparation of a vaccine according to [any of the claims 1-3 or 9] claim 1, characterised in that said method comprises raising antiserum against antigenic material of a flagellaless Campylobacter strain in a host animal followed by isolating the antiserum of the host animal.
- 13. (amended) [Method] A method for the preparation of a vaccine according to claim 9, characterised in that said method comprises growing antibody producing cells and harvesting the antibodies.
- 14. (amended) [Method] A method for the preparation of a vaccine according to claim 10, characterised in that said method comprises admixing a protein according to [any of the claims 4-6] claim 4 and a pharmaceutically acceptable carrier.

## REMARKS

Claims 1 - 14 are amended. It is believed that claims 1-14 recite a patentable improvement in the art. Favorable EXPRESS MAIL EL087179852US

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